

Certificate of Analysis

EPA Method 200.7 Interference Check Std#4

Catalog Number: ICM-224

Lot Number: R00157

Job Number: J00015922

Lot Issue Date: 02/22/2013

Expiration Date: 03/31/2017

This Certified Reference Material (CRM) was manufactured and verified in accordance with ULTRA's ISO 9001 registered quality system. The analyte concentration(s) were prepared and verified by an ISO Guide 34 / ISO 17025 accredited laboratory. The certified value and uncertainty value at the 95% confidence level for each analyte is determined gravimetrically.

Analyte	True Value				Analytical Method	NIST SRM
aluminum	3004	±	15	µg/mL	ICP / ICP-MS	3101a
calcium	15013	±	75	µg/mL	ICP / ICP-MS	3109a
iron	12511	±	63	µg/mL	ICP / ICP-MS	3126a
magnesium	7507	±	38	µg/mL	ICP / ICP-MS	3131a
sodium	2502	±	13	µg/mL	ICP / ICP-MS	3152a

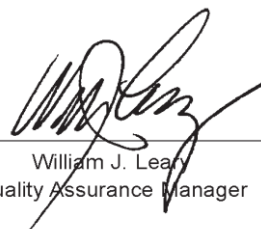
Matrix: 10% nitric acid in low TOC water (< 50 ppb)

ULTRA uses purified acids, 18 megaohm double deionized water, calibrated Class A glassware, and meticulously cleaned bottles in the manufacturing of ULTRAgrade standards. Balances used in the manufacturing of this standard are calibrated with weights traceable to NIST in compliance with ANSI/NCCL Z-540-1 and ISO 9001.



ISO 17025:2005
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